

Author index to Volume 36

Abe, A.	S195	Burgueño-Tapia, E.	947	Elmunajjed, D. T.	151, 376
Abraham, R. J.	S179	Burton, G.	529	Elokshina, V. N.	110
Abram, U.	422	Bush, C. A.	1	Eloranta, J.	98
Adcock, W.	181	Buston, J. E. H.	140	Enriquez, R. G.	S111
Adell, P.	245			Erentová, K.	13
Agrawal, P. K.	1	Cadet, J.	363	Ernst, L.	S71
Ahmad, R.	S47	Cámpora, J.	154	Escola, N.	529
Aime, S.	S200	Campos Rosa, J.	951	Esteban, A. L.	336
Aksnes, D. W.	747, 769	Campredon, M.	463	Etzel, W. A.	64
Alam, T. M.	132	Cañete, A.	449	Euler, W. B.	398
Albanov, A. I.	110	Carbajo, R. J.	217, 807		
Alcázar, J.	296	Carpenter, T. A.	116	Fabian, W. M. F.	511
Aliev, A. E.	855	Castellani, L.	885	Farley, K. A.	S11
Amato, M. E.	693	Castro, P.	833	Farnsworth, N. R.	267
Ambrožič, G.	873	Catalán, C. A. N.	947	Fate, G. D.	635
Amezcu, C.	S3	Cavaleiro, J. A. S.	305	Faure, R.	463, 548
Amm, M.	587	Ceh, S.	873	Fernandes, E. G. R.	305
Ammälähti, E.	363	Cerioni, G.	461	Fernández, C.	S61
Amoureux, J.-P.	S61	Chachaty, C.	46	Ferro, M. P.	35
Ando, I.	S195	Chaffotte, A.-F.	645	Fielding, L.	387
Annunziata, R.	520	Chan, W. R.	124	Findeisen, M.	457, 615
Arnó, M.	579	Charris, J. E.	454	Florian, P.	956
Asakawa, N.	S195	Chattopadhyaya, J.	227, 732	Floris, B.	797
Åstrand, P.-O.	92	Chézeau, J. M.	415	Földesi, A.	227, 732
Attard, J. J.	116	Chow, A.	S145	Fong, H. H. S.	267
		Claridge, T. D. W.	140	Fraenkel, G.	S145
Babonneau, F.	407, 956	Colebrook, L. D.	116	Framery, E.	407
Bain, A. D.	403	Compton, R. G.	140	Francis, G. W.	769
Bampos, N.	311	Contreras, R. H.	336	Frigoli, M.	548
Barbosa-Filho, J. M.	608, 929	Cossec, B.	300	Fujiwara, F. Y.	542, 766
Bardet, M.	363, 597	Costa, M.	542	Fukushi, E.	741
Barfield, M.	S93	Costa, V. E. U.	261	Furuya, H.	S195
Barjat, H.	706	Coutinho, E.	285		
Barreiro, E. J.	533	Crich, S. G.	S200	Galanakis, D.	951
Bartl, A.	8	Cross, T. A.	651	Ganellin, C. R.	951
Basante, W.	454	Crouch, R. C.	551	García, F.	174
Bates, R. B.	539	Crow, F. W.	635, S11	García-Martínez, C.	429
Bayod-Jasanada, M.	217	Culeddu, N.	907	Gau, W.	64
Begtrup, M.	296			Gauthier, A. D.	35
Belloc, J.	715	da Cunha, E. V. L.	608	Gawinecki, R.	848
Benedetti-Doctorovich, V.	529	da Silva, M. S.	608, 929	Gaydou, E. M.	621
Berger, S.	S44	Dahn, H.	137	Gerig, J. T.	S169
Bernatowicz, P.	S212	Dalvit, C.	670	Gervais, C.	407, 956
Bethell, D.	656	Damberg, C.	839	Gerzain, M.	687
Biedrzycka, Z.	356, S85	Davis, A. L.	706	Gilbertson, T. J.	635
Bigler, P.	343	De Baerdemaeker, J.	196	Giovenzana, G.	S200
Binder, H.	250	de Carvalho, M. G.	533	Gogoli, A.	73
Bircher, H. R.	343	de Heluani, C. S.	947	Goldberg, M. E.	645
Blechta, V.	55	de Kowalewski, D. G.	336	Gómez-Sánchez, A.	154
Bodenhausen, G.	267	de la Hoz, A.	296	Gougeon, R.	415
Böhlen, J.-M.	670	de Menezes, S. C.	145	Grant, D. M.	S135
Bolvig, S.	315, 921, S104	Delepiere, M.	645	Green, T. K.	79
Boman, A.	S151	Delmotte, L.	415	Grela, K.	356, S85
Bongert, D.	250	Delsuc, M.-A.	801, 833	Griffiths, L.	104, S179
Bonhomme, C.	407	DeShong, P.	S54	Grima, P. M.	174
Boog-Wick, K.	S189	Desvaux, H.	801	Guglielmetti, R.	548
Borges, M. F. M.	305	Di Vona, M. L.	797	Guido, J. E.	S11
Borisov, E. V.	S104	Diez, E.	336	Guilhem, J.	587
Bosco, M.	907	Dominguez, J. N.	454	Guirado, A.	881
Botta, D.	885	Domschke, G.	8	Günter, J.	442
Botta, M.	S200	Doss, G. A.	135	Günther, H.	77, 312, S1, S61
Bouchet, J. P.	587	Dostál, J.	869		
Bowman, P. B.	S11	Dotelli, G.	885	Habermehl, G.	371
Boykin, D. W.	720, 921	Dransfeld, A.	S29	Habsaoui, A.	621
Braz-Filho, R.	381, 533, 608	Duddeck, H.	151, 371, 376, 779, 936, S47	Haessner, R.	615
Briguet, A.	515	Duholke, W. K.	S11	Hall, L. D.	116
Briley-Sbø, K.	S125	Duplan, J. C.	515	Halstead, T. K.	163
Brondeau, M.-T.	300	Dürüst, Y.	878	Hameed, S.	S47
Brumfield, J. C.	S11	Duus, F.	315	Hammond, S. J.	706
Brun, P.	463			Hanna, A. G.	936
Buchanan, G. W.	687	Edlund, U.	S151	Hansen, P. E.	315, 921, S104
Buddrus, J.	240	Ejchart, A.	559	Harper, J. K.	S135
		Elgamal, M. H. A.	151, 376, 936		

Author index to Volume 36

Abe, A.	S195	Burgueño-Tapia, E.	947	Elmunajjed, D. T.	151, 376
Abraham, R. J.	S179	Burton, G.	529	Elokshina, V. N.	110
Abram, U.	422	Bush, C. A.	1	Eloranta, J.	98
Adcock, W.	181	Buston, J. E. H.	140	Enriquez, R. G.	S111
Adell, P.	245			Erentová, K.	13
Agrawal, P. K.	1	Cadet, J.	363	Ernst, L.	S71
Ahmad, R.	S47	Cámpora, J.	154	Escola, N.	529
Aime, S.	S200	Campos Rosa, J.	951	Esteban, A. L.	336
Aksnes, D. W.	747, 769	Campredon, M.	463	Etzel, W. A.	64
Alam, T. M.	132	Cañete, A.	449	Euler, W. B.	398
Albanov, A. I.	110	Carbajo, R. J.	217, 807		
Alcázar, J.	296	Carpenter, T. A.	116	Fabian, W. M. F.	511
Aliev, A. E.	855	Castellani, L.	885	Farley, K. A.	S11
Amato, M. E.	693	Castro, P.	833	Farnsworth, N. R.	267
Ambrožič, G.	873	Catalán, C. A. N.	947	Fate, G. D.	635
Amezcu, C.	S3	Cavaleiro, J. A. S.	305	Faure, R.	463, 548
Amm, M.	587	Ceh, S.	873	Fernandes, E. G. R.	305
Ammälähti, E.	363	Cerioni, G.	461	Fernandéz, C.	S61
Amoureux, J.-P.	S61	Chachaty, C.	46	Ferro, M. P.	35
Ando, I.	S195	Chaffotte, A.-F.	645	Fielding, L.	387
Annunziata, R.	520	Chan, W. R.	124	Findeisen, M.	457, 615
Arnó, M.	579	Charris, J. E.	454	Florian, P.	956
Asakawa, N.	S195	Chattopadhyaya, J.	227, 732	Floris, B.	797
Åstrand, P.-O.	92	Chézeau, J. M.	415	Földesi, A.	227, 732
Attard, J. J.	116	Chow, A.	S145	Fong, H. H. S.	267
		Claridge, T. D. W.	140	Fraenkel, G.	S145
Babonneau, F.	407, 956	Colebrook, L. D.	116	Framery, E.	407
Bain, A. D.	403	Compton, R. G.	140	Francis, G. W.	769
Bampos, N.	311	Contreras, R. H.	336	Frigoli, M.	548
Barbosa-Filho, J. M.	608, 929	Cossec, B.	300	Fujiwara, F. Y.	542, 766
Bardet, M.	363, 597	Costa, M.	542	Fukushi, E.	741
Barfield, M.	S93	Costa, V. E. U.	261	Furuya, H.	S195
Barjat, H.	706	Coutinho, E.	285		
Barreiro, E. J.	533	Crich, S. G.	S200	Galanakis, D.	951
Bartl, A.	8	Cross, T. A.	651	Ganellin, C. R.	951
Basante, W.	454	Crouch, R. C.	551	García, F.	174
Bates, R. B.	539	Crow, F. W.	635, S11	García-Martínez, C.	429
Bayod-Jasanada, M.	217	Culeddu, N.	907	Gau, W.	64
Begtrup, M.	296			Gauthier, A. D.	35
Belloc, J.	715	da Cunha, E. V. L.	608	Gawinecki, R.	848
Benedetti-Doctorovich, V.	529	da Silva, M. S.	608, 929	Gaydou, E. M.	621
Berger, S.	S44	Dahn, H.	137	Gerig, J. T.	S169
Bernatowicz, P.	S212	Dalvit, C.	670	Gervais, C.	407, 956
Bethell, D.	656	Damberg, C.	839	Gerzain, M.	687
Biedrzycka, Z.	356, S85	Davis, A. L.	706	Gilbertson, T. J.	635
Bigler, P.	343	De Baerdemaeker, J.	196	Giovenzana, G.	S200
Binder, H.	250	de Carvalho, M. G.	533	Gogoll, A.	73
Bircher, H. R.	343	de Heluani, C. S.	947	Goldberg, M. E.	645
Blechta, V.	55	de Kowalewski, D. G.	336	Gómez-Sánchez, A.	154
Bodenhausen, G.	267	de la Hoz, A.	296	Gougeon, R.	415
Böhlen, J.-M.	670	de Menezes, S. C.	145	Grant, D. M.	S135
Bolvig, S.	315, 921, S104	Delepierre, M.	645	Green, T. K.	79
Boman, A.	S151	Delmotte, L.	415	Grela, K.	356, S85
Bongert, D.	250	Delsuc, M.-A.	801, 833	Griffiths, L.	104, S179
Bonhomme, C.	407	DeShong, P.	S54	Grima, P. M.	174
Boog-Wick, K.	S189	Desvaux, H.	801	Guglielmetti, R.	548
Borges, M. F. M.	305	Di Vona, M. L.	797	Guido, J. E.	S11
Borisov, E. V.	S104	Diez, E.	336	Guilhem, J.	587
Bosco, M.	907	Dominguez, J. N.	454	Guirado, A.	881
Botta, D.	885	Domschke, G.	8	Günter, J.	442
Botta, M.	S200	Doss, G. A.	135	Günther, H.	77, 312, S1, S61
Bouchet, J. P.	587	Dostál, J.	869		
Bowman, P. B.	S11	Dotelli, G.	885	Habermehl, G.	371
Boykin, D. W.	720, 921	Dransfeld, A.	S29	Habsaoui, A.	621
Braz-Filho, R.	381, 533, 608	Duddeck, H.	151, 371, 376, 779, 936, S47	Haessner, R.	615
Briguet, A.	515	Duholke, W. K.	S11	Hall, L. D.	116
Briley-Sbø, K.	S125	Duplan, J. C.	515	Halstead, T. K.	163
Brondeau, M.-T.	300	Dürüst, Y.	878	Hameed, S.	S47
Brumfield, J. C.	S11	Duus, F.	315	Hammond, S. J.	706
Brun, P.	463			Hanna, A. G.	936
Buchanan, G. W.	687	Edlund, U.	S151	Hansen, P. E.	315, 921, S104
Buddrus, J.	240	Ejchart, A.	559	Harper, J. K.	S135
		Elgamal, M. H. A.	151, 376, 936		

- Harris, K. D. M. 855
Harris, R. K. 145, 892
Hartung, M. S61
Hassan, A. Z. 936
Hayamizu, K. 429
Heckmann, G. 250
Heikkinen, S. 627
Helm, L. S125
Hennig, L. 457, 615
Herdewijn, P. 55
Hernández, L. R. 947
Heropoulos, G. A. 656
Herzog, H. 240
Hilmersson, G. 663
Holt, Ø. 769
Holý, A. 442
Holzgrabe, U. 211
Horton, R. 104
Horváth, G. 376
Hrnciar, P. 511
Hu, H. S17

Ibrom, K. S71
Ilavský, D. 681
Imamura, P. M. 542

Jacobsen, N. E. 539
Jäger, M. 205
Jayawickrama, D. A. 755
Jean-Claude, B. J. 87
Jirman, J. 351
Johnels, D. S151
Joseph-Nathan, P. 947
Jullian, C. 449

Kaerner, A. 601
Kaluzny, B. D. 635
Kamath, S. 285
Kauppinen, R. 848
Kawabata, J. 741
Kawecki, R. 921
Kaye, P. T. 69
Keenan, R. D. 163
Kehr, G. 39, S157
Kellar, K. E. S125
Kim, M. 398
Kimty, L. 747
Kintzinger, J. P. 381
Kjellberg, A. 128, 839
Klimkiewicz, J. 727
Kolehmainen, E. 442, 511, 848
Kovács, J. 936
Kowalewski, J. 145
Kowalewski, V. J. 336
Kozerski, L. 921
Krajewski, P. 921
Krämer, W. 64
Krebs, H. C. 371
Kucybała, Z. 848
Kvičalová, M. 55
Kwiecień, B. 921

Lacassagne, V. 956
Lácová, M. 511
Ladd, D. S125
Laister, R. C. 687
Lamarque, L. 463
Landersjö, C. 773
Lappalainen, K. 442, 511
Larina, L. I. 110
Larive, C. K. 755
Leal, K. Z. 261
Lebrun, E. 913
Leibfritz, D. S79
Leitão da-Cunha, E. V. 929
León, I. S111
Li, W.-K. 303
Licht, H. H. 343

Licoccia, S. 797
Limmer, S. 901
Lipkowitz, K. B. 693
Liu, F.-C. S145
Lombardo, G. M. 693
López-Ortiz, F. 217, 807
Lopyrev, V. A. 110
Lundquist, K. 597
Lyčka, A. 279
Lycknert, K. 773

McClung, R. E. D. 445
McCord, E. F. 755
McDonnell, P. A. 35
McGeorge, G. S135
McLean, S. 124, S111
Mahi, L. 515
Maisel, H. E. 39
Maliniak, A. 773
Malliavin, T. E. 801
Maltseva, T. V. 227
Mandelshtam, V. A. S17
Mantica, E. 885
Maquet, J. 407
Marek, R. 869
Marín, M. L. 579
Márquez, A. 449
Marr, J. G. 635
Marsaioli, A. J. 766
Martin, G. E. 551, 635, S11
Masaguer, C. F. 545
Maślankiewicz, A. 73
Maślankiewicz, M. J. 73
Massiot, D. 407, 956
Matasyoh, J. C. 422
Mathieu, C. 46
Matsubara, K. 761
Mazzola, E. P. 403
Mekarbane, P. G. 826
Mendez, B. 454
Méou, A. 463
Merbach, A. E. S125
Mercier, A. 46
Mesilaakso, M. 627
Meurer, B. 415
Mikhova, B. 779
Mikkelsen, K. V. 92
Milata, V. 681
Modro, A. M. S212
Modro, T. A. S212
Molko, D. 363
Mollmann, M. E. S. 261
Moloney, M. G. 140
Molteni, V. 520
Montaña, A. M. 174
Monte, F. J. Q. 381
Monti, G. A. 892
Montouillout, V.* 956
Morris, G. A. 706
Moustrou, C. 548
Mphahlele, M. J. 69
Munasinghe, J. P. 116
Mutzenhardt, P. 300

Nádornik, M. 351
Nakashima, T. T. 445
Nicolai, B. 196
Nill, L. S54
Nishida, T. 128, 839
Nurnberg, V. 766
Nuyken, O. 13

Oba, A. 761
Oishi, A. 429
Okogun, J. I. 371
Ollerenshaw, J. 445
Omelka, L. 8
Osmiałowski, B. 848

Oszczapowicz, I. 559

Pachler, K. G. R. 436
Page, S. W. 403
Pagliarin, R. S200
Pan, J.-Q. 303
Pappalardo, G. C. 693
Paredes-León, R. 154
Parella, T. 245, 467, 715
Patel, A. B. 285, 815
Pelta, M. D. 706
Peng, C. 267
Perjéssy, A. 511
Perumal, S. 720, 943
Pesterfield, L. L. 79
Peter, S. R. 124
Petric, A. 873
Phadke, R. S. 285, 815
Piekarska-Bartoszewicz, B. 727
Pinto, M. M. 305
Platzer, N. 587
Plavec, J. 732
Plugariu, C. S161
Plumitallo, A. 461
Pluta, K. 73
Pollesello, P. 907
Popkov, A. 351
Potáček, M. 869
Potmischi, F. 240
Pottier, E. 548
Pregosin, P. S. S189
Prehn, C. 457
Protsuk, N. I. 110

Qiu, S. 267
Qureshi, N. 1

Rabenstein, D. L. 601
Radmard, B. 79
Rahkamaa, E. 627
Raimondi, L. 520
Ramalingam, M. 943
Rampont-Placidi, V. 300
Rapta, P. 13
Raviña, E. 545
Raynes, W. T. 255
Rebek, J., Jr. 663
Rebiere, N. 548
Reich, H. J. S118
Reinheimer, P. 415
Rentsch, D. S54
Reñicha, R. 55
Reynolds, W. F. 124, S111
Ribeiro, A. A. 325
Ribes, S. 174
Ritter, H. 343
Robert, D. 597
Robins, R. H. S11
Rockenbauer, A. 205
Rodriguez, H. 449
Roe, D. C. 755
Ronconi, C. A. V. 608
Roselt, P. 732
Rosen, W. 398
Roux, P. 645
Rozenski, J. 55
Rundlöf, T. 773, 839
Rybczynski, P. J. S54
Rys, P. 279

Saitz, C. 449
Šaman, D. 442
Sánchez-Ferrando, F. 245, 715
Sanders, A. W. S118
Santos, M. R. L. 533
Scheerlinck, N. 196
Schilf, W. S212
Schleyer, P. v. R. S29
Schraml, J. 55

- | | | | | | |
|-------------------|--------------------|---------------------|--------------------|--------------------|---------------|
| Schuler, P. | 205, 422 | Szatylłowicz, H. | 559 | Wallet, J.-C. | 621 |
| Schulze, K. | 457 | | | Wang, M. | 325 |
| Screttas, C. G. | 656 | Tabner, B. J. | 826 | Warne, M. A. | S179 |
| Seidl, P. R. | 261 | Táborská, E. | 869 | Watanabe, M. | 741 |
| Selvaraj, S. | 720, 943 | Taguchi, Y. | 429 | Wawer, I. | 727 |
| Sergeyev, N. M. | 255 | Takayama, K. | 1 | Weintraub, A. | 128 |
| Sergeyeva, N. D. | 255 | Tanabe, S. | 741 | Weissmüller, J. | 64 |
| Setzer, W. N. | 539 | Taskinen, E. | 573 | Wejroch, K. | S85 |
| Shaka, A. J. | S17 | Tay, L.-L. | 124 | Welzel, P. | 615 |
| Shekar, S. C. | 496 | Temeriusz, A. | 727 | Wettinger, D. | S157 |
| Shen, Z. | 325 | Terreno, E. | S200 | Weychert, M. | 727 |
| Shimizu, R. N. | S195 | Thamann, T. J. | S11 | Whetstine, J. R. | 79 |
| Shore, S. | S145 | Thunhorst, M. | 211 | Widmalm, G. | 128, 773, 839 |
| Sidler, D. R. | S54 | Tinto, W. F. | 124 | Williams, C. I. | 87 |
| Sikorski, W. H. | S118 | Toffanin, R. | 907 | Williams, M. A. K. | 163 |
| Silva, A. M. S. | 305 | Tordo, P. | 46 | Williams, P. G. | S209 |
| Silva, F. M. | 305 | Tóth, É. | S125 | Willker, W. | S79 |
| Simon, A. | 151, 371, 376, 936 | Tóth, G. | 151, 371, 376, 936 | Witanowski, M. | 356, S85 |
| Simova, S. | 505 | Trabesinger, G. | S189 | Wrackmeyer, B. | 39, S157 |
| Sims, S. M. | S11 | Traficante, D. D. | 398 | Wyszomirski, M. | 73 |
| Sisti, M. | S200 | Trout, N. A. | 181 | | |
| Sklenář, V. | 869 | | | Xiao, P.-G. | 303 |
| Skrabal, P. | 279 | Usui, Y. | 761 | Xie, L. | S209 |
| Slavík, J. | 869 | | | Xu, F. | 651 |
| Smith, R. F. | S11 | Van Hecke, P. | 196 | Xu, P.-F. | 459 |
| Smith, W. B. | S3 | Van Toan, V. | 137 | | |
| Soares, F. P. | 608 | van Uffelen, I. | S125 | Yu, M. | 124, S111 |
| Soliman, H. S. M. | 151, 376 | Vasuki, G. | 720, 943 | Yuan, S. | 267 |
| Sopková, J. | 351 | Vaultier, M. | 407 | | |
| Sorokin, M. S. | 110 | Veenstra, D. L. | S169 | Zalibera, Ľ. | 681 |
| Speers, P. | S209 | Venuvanalingam, P. | 943 | Zapata, A. | 881 |
| Spencer, L. | 398 | Verstreken, E. | 196 | Zaragoza, R. J. | 579 |
| Srivastava, S. | 285, 815 | Vijayabaskar, V. | 720, 943 | Zens, A. P. | 551 |
| Staško, A. | 13 | Virgili, A. | 245, 715 | Zetta, L. | 885 |
| Steele, B. R. | 656 | Vlahov, G. | 359 | Zhang, L. | 807 |
| Stefaniak, L. | S212 | Vogtherr, M. | 901 | Zhang, W. | S104 |
| Stegmann, H. B. | 205, 422 | Voit, B. | 13 | Zhang, Y. | 325 |
| Stelzer, U. | 64 | Volland, J. P. | 587 | Zhang, Z.-Y. | 459 |
| Stephenson, D. S. | 310 | von Philipsborn, W. | S54 | Zheng, C. | 267 |
| Sterk, H. | S161 | von Unge, S. | 597 | Zhou, H. | 39 |
| Stessman, C. C. | 539 | Vonderwell, B. S. | S11 | Zhuo, J.-C. | S65 |
| Stockner, T. | S161 | Vuolle, M. | 98 | Zimniak, A. | 559 |
| Streitwieser, A. | S209 | | | Zoretic, P. A. | 325 |
| Stuhlmann, F. | 8 | Wagner, R. | S44 | | |
| Sun, X.-W. | 459 | | | | |

Subject index to Volume 36

- ab initio* calculations 336, S85, S29
ab initio IGLO study S93
absolute configuration 429
ACCORD-HMBC S44
acenaphthenes 943
acetoxymercuration 797
adamantane 181
adamantyl fluorides 181
adenine-type substrate 205
Al-27 MAS NMR 279
Al-27 NMR 279, 956
alcohols, unsaturated 132
alkanes, substituted S179
alkenylcarbyne-tungsten complexes 807
alkenylvinylidene-tungsten complexes 807
alkyl formates 336
alkyl spacer S195
alkynes 797
Altona-Haasnoot equation 627
aluminium complexes 279
amidoximes 878
aminoquinolinium dibromides 951
3-aminoacrolein 154
amine oxides 240
amino acid 351
angiotensin III analogue 815
angiotensinogen 285
anisotropy 46
anisotropy, C—C bond S179
anomeric effect 422
3'-anthraniloyladenine 901
anthraquinone glycoside 769
antibiotics 217, 559, 615, 635
antimalarial compounds 454
antitumor activity 325
antiviral activity 325
apocamphenolic derivatives 457
apomyoglobin 833
apples, moisture transport 196
APT sequence 445
arene-arene interaction 520
aromatic ring rotation S169
aryl sulfoxides, ¹⁷O NMR 137
arylglycerol- β -aryl ethers 597
arylhydrazones 533
aryllead tricarboxylates 140
arylphenylthene derivatives 797
aspen lignin 597
assignment, automated 267
atomic charges S85
atomic magnetizability tensor 92
automated assignment 267
azaerythromycin 217
azalide antibiotic 217
azithromycin 135, 217
azo compounds 13
azo dyes, Al complexes of 279
azoles 39
B₁ gradients 489
B-11 NMR 407, 956, S145
baccharis oxide 766
band-selectivity, ω_1 601
band shape analysis 154
barbituric acid 315
BASHD-ROESY 601
benzene 92
benzimidazole-type substrate 205
benzo[a]phenazines 529
benzodiazepine 69
benzoheteroazepinone 69
benzylidene-1-azaflorenes 520
benzylidenefluorenes 520
betulinic acid 267
bicyclic compounds 174
bicyclic lactones 463
bicyclooctane derivatives 579
bimakalin 436
bio NMR 285
bioactive compound 533
biological activity 559
biomolecules 901
biopolymer gels 163
bipolar pulse sequences 706
bis(4-aminoquinolinium) dibromides 951
blood plasma S79
boat conformation 371
body fluids S79
bond anisotropy S179
bond length, C—H 261
bond polarization, C—H 261
borane 407
borazane 407
borazine 407
borneol 505
bridge, Si—Br—Si S157
broadband decoupling 515
building block, for HSQC 715
C-13 enriched samples 128
C-13 NMR and conformation 336
C-13, C-13 DQF-COSY 128
C-13, C-13 TOCSY 128
caesalpin 124
cage molecule 250
calculations S93
calculations, ³¹P NMR S29
camphene 706
CAPT sequence 445
carbazole 39
carbon shielding S93
carbonic anhydrase S169
carbonyl compounds, tautomerism S104
carbynes 807
cardenolides 936
caryophyllene oxide S135
cassane furanoditerpenes 124
cation radical 98
cefuroxime ester 559
cephalosporines 559
cesium cyclohexylamide S209
charge density 511, 951
charge distribution 261
chelates, Gd(III) S200
chemical shift tensor, ¹³C S135
chemical shift thermometer, ¹³C NMR S118
chemical shifts S179
chiolite 956
chiral auxiliary S189
chiral recognition S47
chiral shift reagent 429
chiral spin trap 422
chiral β -lactam 429
chirality 325
chlorinated compounds 885
chlorobenzenes 92
chromenes, thionyl-substituted 548
clerodane 947
clerodane derivatives 542
composite decoupling 956
composite material 833
computer model S169
configuration 565, 761
—, of amide bonds 741
—, of polysaccharides 128
conformational analysis 174, 285, 359, 371, 376, 387, 398, 539, 565, 579, 651, 687, 732, 815, 839, 901, 936, 947, S3, S71, S85, S104, S161, S195
conformation, oligosaccharide 773
—, polypeptide 651
conformational barrier S71
conformational dependence, of ¹³C chemical shifts S93
conformational effects 336
conformational equilibrium 285
conformational exchange 46
conformer population 651
contact shifts 656
copaiba oil 542
coupling constants, *see* J-coupling
CP, *see* solid state NMR
CP/MAS, ¹H \rightarrow ¹⁹F 892
—, *see also* solid state NMR
CPMG experiment 163, 227, S195
13-crown-4-ethers 687
cryptolepine 551
cyclic voltammetry 8
1,3-cycloalkanediones 315
cycloalkanes S179
cyclobutane derivative 436
cyclodextrin 211, 693
cyclopentadienyllithium S151
cyclophanes S71
data acquisition, new strategy S17
data processing 515, S135
—, new strategy S17
decomposition, of azo compounds 13
decoupling, broadband 515
—, heteronuclear 469
density matrix S145
2'-deoxycytidine derivatives 359
dequalinium analogues 951
deuteration, selective 227
deuterium exchange 285
deuterium isotope effect 255, 315, 921
deuterium NMR 732, 855
1,2-dialkoxyethenes 573
dialkoxy disulfides, ¹⁷O NMR 461
diastereomers 64, 174, 597, S189
diethylether 515
1,5-dichloro-2,4-dimethoxybenzene 403
diffusion 747
—, translational 227
diffusion ordered spectroscopy 706, 755
diffusivity 196
difluorocyclophanes S71
dihedral angle 839
1,4-dihydroxynaphthalene 98
3,5-difluorobenzenesulfonamide S169
1,3-dioxane, 6-vinyl- 515
dipeptides 727
dipolar coupling 773
—, ¹³C, ¹³C S195
dirhodium complex S47
distance, C—Li S151
disulfide bridge 913
disulfides, dialkoxy- 461
diterpenes 124, 542, 947
dithia[3.3]metaparacyclopentane S71
1,4-dithiinodiquinolines 73
DNMR 687, S145
dodecylphosphocholine micelles 815
DOSY 489, 706, 755
double quantum spectroscopy 670
DQF-COSY, ¹³C, ¹³C 128
drug composition 211
drug molecule 387, 693
dynamic behavior 46

- dynamic equilibrium 285
dynamic NMR 154, S61, S71, S118, S145
dynamics 387, 559, 663, 687, 747
—, of solids 855, S61
- E,Z*-isomers 154, 181, 398, 520, 565, 573
E. coli 1
editing 445
—, ^{13}C NMR 715
—, in HSQC 741
electrochemistry 8
electronegativity S29
electronic effects 797
enamino ester 921
enamino lactones 921
enaminones 565, 921
enantiomeric composition 211
enantiomeric excess S189
enantiomers S47
enantioselective alkylation S189
enatiomeric purity 211
ENDOR 422
enol 315
ent-atisane 947
ent-beyerane 947
ent-pimerane 947
enzyme inhibition S169
epimideside C 303
EPR 8, 13, 46, 98, 205, 422, 826, S125
equilibria 343
equilibrium isotope effect 315
ESR, *see* EPR
exchange 205, 285, S145
exchange rates S209
excitation sculpting 245
- F-19 NMR 181, 761, 892, S71, S169
F-19 MAS 892
fatty acids S79
ferredoxin I 913
field gradients, *see* pulsed field gradients
—, review 467
filter diagonalization method S17
fitting procedure 855
flavones 621
fluorenone radical anion 656
fluorobenzenes 92
fluoroflavones 621
fluoropolymers 892
fluxional structure S157
FOD, methylation 79
fungicide 64
furanoditerpenes 325
- gadolinium(III) complexes S125, S200
geraniol 706
GIAO/6-311 + G**MP2 S29
glucopyranose derivatives 727
glycine, ^{13}C labelled 351
gradients 551
gramicidine A 651
guest-host interaction 663, 693
- H-2 NMR 732, 855
H-3 NMR S209
Hadamard spectroscopy 839
halomethanes 255
(+)harwickiate, methyl 542
HEED-INEPT 55
helical structure S161
heterocycles 442, 449, 454, 459, 463, 587, 621, 627, 635, 681, 511, 520, 529, 545, 548, 551, 779, 878, 951, S11, S200, S212
hexamethyldisilane 747
Hg-199 NMR 797
high-pressure probe 833
hindered rotation 154
HMBC method, modified S44
HMBC, gradient-enhanced 35, 217, 371
- , ^{15}N , ^1H 35, S11
HMQC, ^1H , ^{183}W 807
—, ^{31}P , ^{183}W { ^1H } 807
host molecules 693
HR-DOSY 706
HSQC enhanced 2D spectra S17
HSQC sequence, modified 715
HSQC, coupled S111
—, measurement of *J*-couplings 505
hydroacridines 240
hydrocarbons, acidity S209
hydrogen-bond, intramolecular 565, 727
hydrogen bonding S104
hydrogen exchange S145
hydrogenborate 217
1,4-hydroquinone 98
hyperconjugation, negative S29
hyperfine coupling 13, 46, 98
- ikarisoside A 303
imaging 196
imidazole 1-oxides 296
INADEQUATE, 2D 597, 766, 885
inclusion complex 663, 693
indoles 39
inhibitor S169
internal rotation 559
internuclear distances 359
inter-proton distances 815
inversion 469
IR stretching 511
IRCP method 407
IRMA 815
iron-sulfur cluster 913
isobenzofuranones 511
isochromanyl derivatives 533
isomenthone S3
isomerisation, of triazoles 343
isomerism 154
isomers 69
isospongiadiol 325
isothioquinanthrene 73
isotope effects 255
—, on ^{13}C 921
isotope shift, $^{2/1}\text{H}$ (^{13}C) 315
—, $^{14/15}\text{N}$ (^{119}Sn) 39
isotope shift, for ^{15}N NMR S157
IUPAC symbols, recommendations 145
- J*-coupling 515
—, H, H 73, 124, 154, 174, 217, 436, 463, 505, 615, 627, 885, S3
—, ^{13}C , ^1H 73, 255, 296, 336, 343, 371, 885, S104
—, ^{13}C , ^1H long-range 839
—, ^{13}C , ^{13}C 240, 351, 356
—, ^{13}C , ^{15}N 279, 398, 351, S157
—, ^{13}C , ^{19}F 621, 761, S71
—, ^{13}C , ^{31}P S212
—, ^{15}N , ^1H 587
—, ^{19}F , ^{19}F S71
—, ^{29}Si , ^{13}C S157
—, ^{29}Si , ^{15}N 55, S157
—, ^{31}P , ^1H 807
—, ^{31}P , ^{183}W 807
—, ^{55}Mn , ^{13}C S54
—, ^{119}Sn , ^1H 39
—, ^{119}Sn , ^{13}C 39
—, ^{119}Sn , ^{15}N 39
—, ^{183}W , ^1H 807
—, isotope effect 255
—, measurement by HSQC 505
—, sign 39, S157
J-doubling 839
J-modulation 515
- keto-enol equilibrium 315
khivirin 371
kinetic acidity S209
kinetics 285
- lactones 463
Langevin dynamics 839
lapachone, β - 529
lavanone analogues 69
LC-NMR 104
Li-7 NMR, solid state S61, S151
ligand affinity 656
lignins 597
lignoids 929
limonoids 371
lineshape 747
lineshape analysis 855, S145
lipids S79
lipopolysaccharide 1, 128
liquid crystalline medium 773
liquid chromatography 104, 245
liquid crystal S195
lithium amides S61
LORG study 336
luminescence 79
lysozyme 645
- macrocycle 635, 693
macrocylic ligands S200
macrolide antibiotic 135
macromolecular Gd(III) complexes S125
magic angle spinning, in liquid NMR 645
magnetization transfer 469
manganese carbonyl complexes S54
Marquardt-Levenberg algorithm 116
MAS NMR, *see* solid state NMR
MAS, in liquid NMR S645
—, *see also* solid state NMR
Meldrum's acid 315
menthone S3
mesoionic systems 8
metal-dye complex 279
metalloprotein 913
[2.2]metaparacyclophane S71
methylation 87
micelle concentration, critical 615
micelles 815
mixture analysis 755
Mn-55 NMR S54
moenomycin antibiotics 615
moisture transport 196
molecular dynamics 205, 285, 627, 693, 815, 839
molecular mechanics 579, 687
molecular modelling S3, S161, S169
molecular motion 663, 6526 732, 747
molecular recognition 205, 901
mono-saccharides S111
Mosher's acid S47
MQ-MAS 956
MRI contrast agent S125
multiple quantum MAS 956
multiple solvent suppression 245
- N-14 NMR S85
N-15 MAS NMR 279
N-15 NMR 35, 87, 279, 343, 351, 398, 407, 442, 587, 635, 727, 848, S11, S212
nano probe 645
naphtho[2,1-*b*]pyran, [3*H*]- 548
naphtho-oxazole 449
naphthoxazinone 449
natural products 1, 124, 267, 303, 325, 371, 376, 381, 539, 608, 766, 779, 839, 869, 929, 936, 947, S111, S195
neolignans 929
neuromuscular blockers 387
Ni(II) complex of Schiff base 351
nitriles S47
nitro group effects, on ^1J (^{13}C , ^{13}C) 356
nitroalkanes 356, S85
nitrogen shielding S85
nitrotriazoles 343

- nitroxide radicals 46
 NMR imaging 196
 NMR probe, for high pressure 833
 NMR shift reagent 79
 NMRD S125
 NOE measurements, standard 403
 NOE, $\{^1\text{H}\}^{19}\text{F}$ S169
 —, transferred 901
 noise reduction 135
 nonlinear regression 163
 norbornyl compounds 261
N-oxidation S11
N-phenylglycines 848
 nucleosides 732
 —, ^{13}C relaxation 227
 —, deuterium labeled 227
 nucleotide 901
 nucleotide structure 901

 O-17 NMR 132, 137, 461, S54, S125,
 S200, S212, 511, 565, 573, 720, 921
 off-resonance effect 801
 off-resonance ROESY 801
 oligoimines 398
 oligosaccharide 615, 839
 oligosaccharide coformation 773
 ω_1 -band-selectivity 601
 ω_1 -homonuclear decoupled ROESY 601
 optically active compound 429
 organochlorine compounds 885
 organohydroborate complexes S145
 organolead compounds 140
 organolithium compounds S151
 2-oxa-7-azabicyclo[3.2.0]heptane-6-one 429

 oxadiazines 878
 oxadiazoles 8, 878
 oxazole derivatives 449

 P-31 indirect detection 807
 P-31 NMR 250, 656, 907, S29, S189,
 S212
 P-31 shielding 250
 palladium allyl complex S189
 pancuronium bromide 387
 [2.2]paracyclophane 663
 parameters, NMR 145
 ρ -b-207 NMR 140
 pentacarbonyl complexes S54
 pentanes, 1-substituted S93
 pentapeptide 741
 peptide 285, 601, 741, 815
 peptide, tetradeca- 285
 peroxides, di-*tert*-alkyl 826
 pharmaceutical compound 436
 phase errors 469
 phenanthridinone S17
 phenethylamines 211
 3-phenoxy pyridine sulphate 693
 phenylthiols 720
 phosphorus, tricordinate S29
 PHORMAT S135
 phospholipids 907
 phosphoric amides S212
 phosphorus-tin cage molecule 250
 phosphoryl compounds 46
 photodimer 436
 photoreaction product 371
 phthalisoimides 881
P flip S61
 piperidine 873
 piperidine, 4-*p*-fluorobenzoyl 545
 piperidines 240
 Pirkle's alcohols 429
 pK_a 140
 podocarpane derivatives 579
 polar substituent effects 181, 848
 polychlorobutadiene 885
 polymer additives 755
 polymers 755, 855, 892

 polypeptide 651
 polysaccharides 1, 128
 porous silica 747
 post-processing method 135
 practical aspects of PFG methods 469
 pressure probe 833
 probe design 833
 probe, high pressure 833
 protein 913, S161
 protein dynamics S169
 protein folding 651
 proton exchange 163
 proton shielding S179
 protonation 587
 protonation effects 779
 pseudorotation 732
 pulsed field gradients 245, 442, 471,
 474, 551, 635, 670, 715, 755, 839, S11,
 S17, S44
 —, review 467
 purines 55
 pyrazol derivatives 35
 pyrimidine nucleoside 732
 pyrimidine-2-ones 442
 pyrimidines 55
 pyrroles 39
 pyrrolidine 873

 quadrupolar coupling constant S61, S151
 —, ^2H 732
 quadrupolar coupling, ^7Li S61, S151
 —, correlation with N-Li-N bond angle S61
 —, *see also* solid state NMR
 quadrupolar interaction 956
 quadrupolar relaxation 227, S145
 quantitative ^{13}C NMR 359
 quantitative intensities 801
 QUASAR S61
 quaternization, effect of 951
 quinine 706
 quinolinium dibromides 951
 quinolinyl sulfides 73
 quinolidine alkaloids, review 779
 4-quinolones, 3-substituted 681
 quinolone, tricyclic derivatives 454
 quinoxalinones 300
 quinuclidine derivatives 627

 radical products 8
 radicals 13, 46, 826
 radiofrequency gradients 489
 rearrangement 873
 receptor interaction 205
 reduction potential 8
 refocusing 469
 regioisomers 35
 regiospecific analysis 359
 regression analysis 163
 relaxation 116, 163, 227, 415, 559,
 663, 732, 747, S169
 relaxometry S125, S200
 reorientation 46
 resolution enhancement 956
 resonance effects 848
 restricted rotation S189
 review, pulsed field gradients 467
 —, quinolidine alkaloids 779
 ring contraction 873
 rocuronium bromide 387
 ROE quantification 801
 ROESY experiment, modified 601
 —, ω_1 -homonuclear decoupled 601
 ROESY intensities 801
 rotamers 587
 rotation S169
 —, of side groups 559
 rotational barrier 98, 154
 rotational process S61

 saccharide 769, S189
 sanguinarine pseudobase 869
 saponins S111
 scalar coupling, *see* *J*-coupling
 scaling 135
 Schiff base 351
 Schmidt rearrangement 69
 secondary structure 913
 self-diffusion 747
 semiempirical calculations 356
 sequence assignment 913
 sequence, polysaccharide 1
 shielding, ^{15}N 727
 —, ^1H S179
 shift reagents 79
 —, chiral 429
 Si-29 NMR 55, 110, S157
 sideband suppression 496
 sidebands 496
 signal-to-noise 104
 silanes S118
 silica 747
 siliceous MFI zeolite 415
 silylotropy 110
 simplex algorithm 116
S-methylthiophenium ion 79
 Sn-119 NMR 250
 solid state dynamics 415, S61
 solid state NMR 87, 279, 407, 415,
 496, 855, 892, 956, S61, S135, S151,
 S195
 solvent dependence 154
 solvent effects 651
 solvent suppression 245, 670
 spectra, 800 MHz S79
 spin diffusion 801
 spin echo experiment 515
 spin echo, selective 483
 spin lattice relaxation, *see* relaxation
 spin trap 13, 826
 —, chiral 422
 spin-lattice relaxation 663
 —, ^2H 732
 spinning sense 496
 spinning, magic angle 496
 spin-spin coupling, *see* *J*-coupling
 spiro-acetal amine 64
 spiroxamine 64
 spongy intermediates 325
 spongy precursors 579
 standard, for NOE measurements 403
 stereochemistry 64, 174, 325, 371, 376,
 381, 429, 436, 687, 779, 936
 stereoisomers, of dialkoxyethenes 573
 —, of enamines 565
 stereoselective synthesis 64
 steric effects 261, 779
 steroids 267, 387, 936
 stimulated echo 706
 structure elucidation, computer-assisted 267
 structure-activity relation 587
 strychnine S44
 submicro inverse detection 551
 submicro probe 551
 subspectral editing, for CH_n 445
 substituent effects 132, 181, 343, 511,
 565, 720, 779, 848, 943, S54, S85, S93,
 S179
 —, ^{31}P NMR S29
 —, $^{\text{O}}$ NMR 137
 —, on $J(^{13}\text{C}, ^{13}\text{C})$ 356
 sugar moiety 732
 sulfomycin-I 635
 sulfonamide S169
 sulfoxides, O-17 NMR 137
 surface layer 747
 symbols, NMR 145

 t_1 noise 135, 670

- | | | | | | |
|---|---------------------|--|----------|--------------------------------|-----------|
| T_1 , see relaxation | | —, ^{13}C , ^{19}F | 761 | tropane alkaloids | 240 |
| T_2 , see relaxation | | TIGER processing | S135 | tumbling motion | 46 |
| —, dispersion | 163 | tin satellites | 250 | tungsten complexes | 807 |
| taraxerenes | 539 | TNDO/2 method | 356, S85 | | |
| tautomerism | 110, 315, 343, S104 | TOCSY, ^{13}C , ^{13}C | 128 | ultra-high field | S79 |
| temperature dependent spectra | 855 | TraM protein headpiece | S161 | ureido sugars | 727 |
| temperature measurement | S118 | transferred NOE | 901 | urinary metabolites | 116 |
| tepoxalin | 35 | translational diffusion | 227 | | |
| terpenes, ^{13}C chemical shift tensor | S135 | triacylmethane | 315 | variable temperature NMR | 315, 587, |
| terpenoids | 579 | 2,4,6-triamino-s-triazines | 587 | 687, 747, 855, S61, S118, S145 | |
| tetraazepinones | 87 | triazines | 587 | vecuronium bromide | 387 |
| tetracyclic compounds | 579, 779 | triazoles, isomerisation | 343 | vinylidenes | 807 |
| tetradecahydroacridines | 240 | 1,2,3-triazoles | 459 | Viton | 892 |
| tetrakis(fod) europate | 87 | tricyclic compounds | 779 | voltammetry | 8 |
| tetraoxacyclotridecanes | 687 | trifluoromethylvinyl compounds | 761 | | |
| tetrapropylammonium template | 415 | triglycerides | 359 | W-183 NMR | 807 |
| tetrasaccharide | 773 | trimethylsilyl compounds | 55 | water transport | 196 |
| theory | S29 | trimethylsilylazoles | 110 | wideline spectra, | 848 |
| thermolysis | 826 | triorganostannyl compounds | 39 | | |
| thiadiazoles, 1,2,3- | 8 | triorganotin | 39 | xanthenes, substituted | 305 |
| thienylchromenes | 548 | tris(trimethylsilyl)methane | S118 | x-ray analysis | 587 |
| thiirene-1-oxide, O-17 NMR | 137 | trisilylamines | S157 | | |
| thiopeptide antibiotic | 635 | triterpene saponin | 376 | zeolite, solid state NMR | 415 |
| thiophenium ions | 87 | triterpenes | 539, 766 | zero quantum coherence | 706 |
| thioquinanthrene | 73 | triterpenoids | 381, 608 | z-filter | 469 |
| thiourea inclusion compound | 855 | tritium NMR | S209 | zirconocene complexes | S145 |
| through space coupling | S71 | tRNA | 901 | | |

